

<b>ORGANISATION</b>	<b>National Institute of Urban Affairs (NIUA)</b>
<b>POSITION</b>	Programmer (MIS & GIS Developer)
<b>PROJECT NAME</b>	Digital India Land Records Modernization Programme
<b>DUTY STATION</b>	Department of Land Resources, Ministry of Rural Development, Nirman Bhawan, New Delhi
<b>DURATION</b>	12 months
<b>NATURE OF ENGAGEMENT</b>	Contractual, full-time

### **About the National Institute of Urban Affairs (NIUA)**

Established in 1976, the National Institute of Urban Affairs (NIUA) is a premier institute of Ministry of Housing and Urban Affairs, Government of India, for research and capacity building for urban sector in India. NIUA's broad objective is to bridge the gap between research and practice on issues related to urbanisation. For more than 45 years now, NIUA has been the vanguard for contributing to and building the urban narrative for a fast-evolving urban India. The Institute has been actively working on bringing forth key areas of concern for urban India in order to build the discourse at various scales. It has utilised its competencies in research, knowledge management, policy advocacy and capacity building to address urban challenges and continuously strive to develop sustainable, inclusive and productive urban ecosystems in the country.

### **About the Digital India Land Records Modernization Programme**

DILRMP is spearheaded by the Department of Land Resources (DoLR), Ministry of Rural Development and came into effect in April 2016. The programme aims to develop an Integrated Land Information Management System, and to establish apt systems and mechanisms to ensure real-time updation of land records on a continuous basis, so that the computerised information on land mirrors the ground/ physical reality at every point of time. To leverage technology for enhancing transparency, efficiency and accessibility in land administration, and to lay the foundation for inclusive growth and development, DoLR is establishing a National Project Management Unit (NPMU). The NPMU will ensure effective implementation, monitoring, and scalability of DILRMP, leveraging its successes and addressing challenges by March 2026.

### **Key Responsibility Areas**

- Design, develop and implement IT solutions for DILRMP, including defining use cases, preparing wireframes and leveraging open-source technologies to meet program requirements.
- Create and maintain Management Information Systems (MIS) and Geographic Information Systems (GIS) applications tailored to the needs of land records management.
- Assist in conducting User Acceptance Testing (UAT) of IT solutions, collaborating with end-users and stakeholders to identify issues, gather feedback and ensure that systems meet functional and usability requirements prior to deployment.
- Explore, evaluate and integrate open-source technologies and tools into the development process to optimise cost-effectiveness, interoperability and scalability of IT solutions within the programme.

- Document IT solutions, processes and procedures effectively, and provide training and support to end-users and stakeholders to facilitate smooth adoption and utilisation of developed applications.
- Respond to additional duties and responsibilities as assigned by senior officials of DoLR.

### **Work Experience Required**

- Minimum of 5 years' experience in database administration, encompassing database design, implementation, optimisation and maintenance.
- Proficiency in GIS-based software tool development, with a track record of designing and deploying solutions to meet project requirements.

### **Educational Qualifications Required**

- Bachelor's degree in Engineering or Science, preferably in Computer Science or Information Technology.

### **Remuneration**

At par with the standards established by DoLR, commensurate with experience and skills. Proof of past remuneration (last received salary/ monthly contract payment) would be required.

### **Application Process**

- Applications to be only submitted online through NIUA's portal.
- Only candidates whose applications are complete in all regard and adhere to the prescribed format will be considered.
- Only shortlisted candidates will be notified.

**Last Date to Apply:** Applications will be accepted until the position is filled.